

AT PILANKALAI, MEKKAMANDAPAM POST ON RE. SURVEY. NO : 22/1D OF THUCKALAY VILLAGE IN
KALKULAM TALUK, VILAVOOR TOWN PANCHAYAT, KANYAKUMARI DISTRICT.

The elevation drawing shows a building facade with a central vertical element. To the left of the facade, two vertical dimension lines are shown: a red one labeled '7.98' and a blue one labeled '6.75'. The word 'ELEVATION' is centered below the drawing.

A cross-sectional diagram of a soak pit. The diagram shows a central brick work structure with vertical perforations. Above the structure is an inlet chamber with an R.C.C. slab (1:2:4 mix) and a 0.61 m depth. To the right, an air vent pipe with a cowl covering extends to the surface. Below the brick work is a baffle wall (P.C.C. 1:4:8 mix) with a 0.15 m depth. The entire structure is surrounded by brick work in 1:5 mix, plastered on both sides with a water-proof compound. An outlet leads to a soak pit. Dimensions are given in meters: 0.08 m for the top layer, 0.61 m for the inlet chamber, 1.00 m for the brick work height, and 0.15 m for the baffle wall height.

Labels in the diagram include:

- COWL COVERING
- AIR VENT PIPE
- OUT LET CHAMBER
- INLET CHAMBER
- R.C.C. SLAB
- 1:2:4 MIX
- OUT LET TO SOAK PIT
- GL
- BRICK WORK IN CM 1:5 MIX
- PLASTERING INNER AND OUTER SIDE USING WATER PROOF COMPOUND
- BAFFLE WALL
- P.C.C 1:4:8 MIX

SECTION ON CD

SOLAR WATER HEATING SYSTEM

The technical drawings include a **SEPTIC TANK PLAN** and a **COMPOST PIT** cross-section.

The **SEPTIC TANK PLAN** shows a rectangular tank with three internal compartments. The overall dimensions are 0.640 by 0.640. The internal compartment widths are 0.230, 0.120, 0.120, and 0.230. The tank has a depth of 0.61 and a diameter of 0.23. It includes inlet and outlet pipes.

The **COMPOST PIT** cross-section shows a pit with a total depth of 1.80. The pit is filled with layers of **SOIL** and **ORGANIC** material. The pit is covered with a lid and has a diameter of 1.50. The pit is shown in a cross-section view with a ground level (GL) indicated.

RAIN WATER HARVESTING

A diagram illustrating a solar system. It shows a rectangular solar panel tilted at an angle, supported by a simple stand. The panel is composed of a grid of small circles, representing solar cells. Labels with leader lines point to the panel and its components: "HEAT RADIATION FROM SUN" points to the rays of light hitting the panel, "SOLAR PANEL" points to the entire assembly, and "GLASS" points to the outer surface of the panel. Below the diagram, the text "SOLAR SYSTEM" is written and underlined.

TO MEKKAMANDAPAM

ROAD

OLIVER ISAC PROPERTY

PROPOSED BUILDING

PATHWAY WIDE 3.70 M

ISAC JOSEPH PROPERTY

TO AZHIGAMANDAPAM

KEY PLAN
NOT TO SCALE

PLAN_INFO
WATER_BODIES_BEYOND_15M=NO
RESERVE_FOREST_WOODED_LAND_BEYOND_150M=NO
BLDG_LENGTH_MORETHAN_10M=NO
BURIAL_PLACE_BEYOND_90M=NO
IS_SWIMMING_POOL_EXISTS=NO
CRZ=NO
SECURITY_ZONE=NO
SINGLE_FAMILY_BLDG=NO
RWH_DECLARED=YES
LAND_USE_ZONE=COMMERCIAL
FIRE_PROTECTION_AND_FIRE_SAFETY_REQUIREMENTS=NO
JURISDICTION_TYPE=PANCHAYAT
OSR_APPLICABLE=NO
PREMIUM_FSI_REQUIRED=NO
IS_APPROVED_LAYOUT=YES
AREA_TYPE=OTHERS
IF_HERITAGE_TOWN_LESSTHAN_1KM_RADIUS=NO
PLOT_NO=NO
PLOT_AREA_M2=161.88
AS_AT_SITE=130.74
FMB_OR_PLR=161.88
AS_PER_DOCUMENT=161.88
ACCESS_WIDTH_M=17.35
ROAD_WIDTH=8.00
ROAD_LENGTH=150
MIN_PLOT_DEPTH=17.05
MIN_PLOT_WIDTH=7.00
AVG_PLOT_DEPTH=17.20
AVG_PLOT_WIDTH=7.63
PATTA_NO=9536
SURVEY_NO=22/1D
VILLAGE=THUCKALAY
TALUK=KALKULAM
DISTRICT=KANNIYAKUMARI
BLOCK_1_B-SHOP_MEMBER_COUNT=3

EXIST. BUILDING

RS	: ROLLING SHUTTER	: 3.66 X 2.40
D1	: DOOR	: 0.75 X 2.10
V	: VENTILATOR	: 0.90X 0.60

	PLINTH AREA	FLOOR AREA
GROUND FLOOR	94.60 M ² 1018.26 SQ.FT	88.64 M ² 954.11 SQ.FT
FIRST FLOOR	86.58 M ² 931.94 SQ.FT	80.95 M ² 871.34 SQ.FT
TOTAL AREA	181.18 M ² 1950.20 SQ.FT	169.59 M ² 1825.45 SQ.FT

PLOT COVERAGE = 58.44%

AREA OF SITE : 22/1D
4.000 CENTS, 161.88 M², 1742.46 SQ.FT

VACANT AREA : 67.28 M², 724.20 SQ.FT

SIGNATURE OF OWNER

ENGINEER

